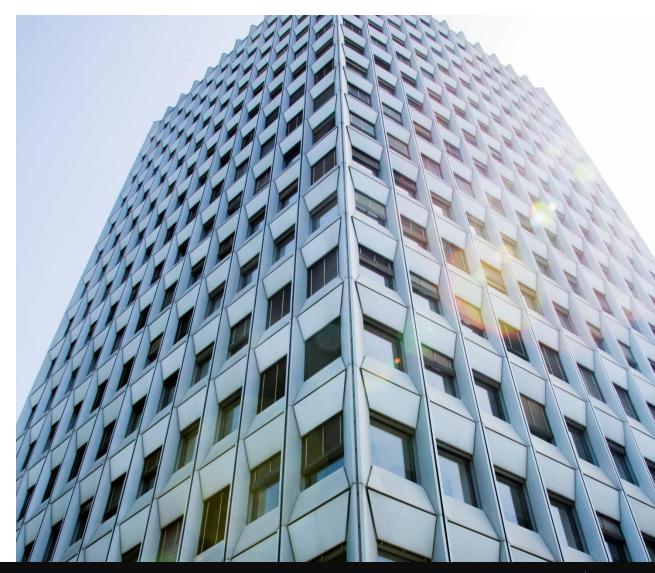




The International Telecommunication Union (ITU) is the United Nations Specialized Agency for Information and Communication Technologies (ICTs).

An organization based on public-private partnership with 194 Member States and over 1000 members from industry, international and regional organizations and academia.





- "Scientific research is missioncritical when it comes to connecting the world. ITU nurtures new knowledge, breaks ground, and creates standards and regulations our increasingly digital world depends on. Your expertise, knowledge and research are invaluable to our work.
- Join ITU in building a more innovative and inclusive digital future."



Smart sustainable cities

Bridging the gender divide

Digital Inclusion

Artificial Intelligence

High altitude platform systems (HAPS)

CubeSat

Autonomous Driving

Digital Transformation

Digital Finance

5G

Broadband

Internet of Things (IoTs)

Non-geostationary satellite systems

Earth stations in motion (ESIM)

mHealth

3D TV

Satellite constellation

Digital Fiat Currency

Digital Broadcasting









Network with 194 Member States, over 1000 members from industry, international and regional organizations and academia.



Contribute to international standards (including your research/patented tech).

Contribute to development of best practices in policy-regulatory environment & ITU
Recommendations

Contribute to <u>ITU publications</u> (ex: <u>ITU Journal</u>) & ITU Research
Projects (ex: <u>Equals</u>, Research
Agenda with Universities)



Have representative(s) appointed as rapporteurs, associate rapporteurs & co-rapporteurs (ITU-T only), vice-rapporteurs (ITU-D only)



Increase your technical Knowledge through ITU's Capacity Building Activities (ITU Academy)

Access training, specialized seminars and courses

Share your expertise & partner to develop and deliver capacity building activities











Raise the profile of your institution at the international level

Get your contribution acknowledged and recognized internationally

Promote and share your ideas among some 170 Academic institutions through monthly newsletter

Get access to <u>ITU Study Group</u> meetings, their subgroups and documents (TIES access)

Sectoral Conferences and Assemblies (RA, WTSA, WTDC) & documents

Sector Advisory Groups and their subgroups (RAG, TDAG, TSAG) & documents

Other events, workshops and seminars

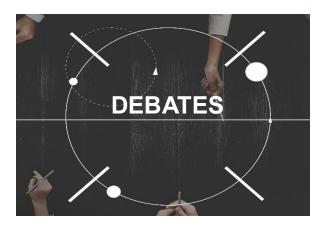
Become a partner for ITU activities

Develop proposals for collaboration with ITU members

Prepare Study Group contributions in collaboration with other stakeholders

Invite ITU experts to contribute to your programmes (seminars, events and other opportunities)





Engage in global and regional debates

Speak at ITU events <u>WSIS</u>
<u>Forum, ITU Kaleidoscope</u>
<u>Academic Conference</u>),
Workshops, webinars and other events

Participate in public online consultations



Get free access to ITU publications available in digital format including databases (PP resolution 66).



Organize student visits to ITU

Organize Girls in ICTs Day

Join Coding Bootcamps

Participate in Young ICT Leaders Programme & Hackathons

Access the ITU database for Youth Employment and Entrepreneurship







Academia participation

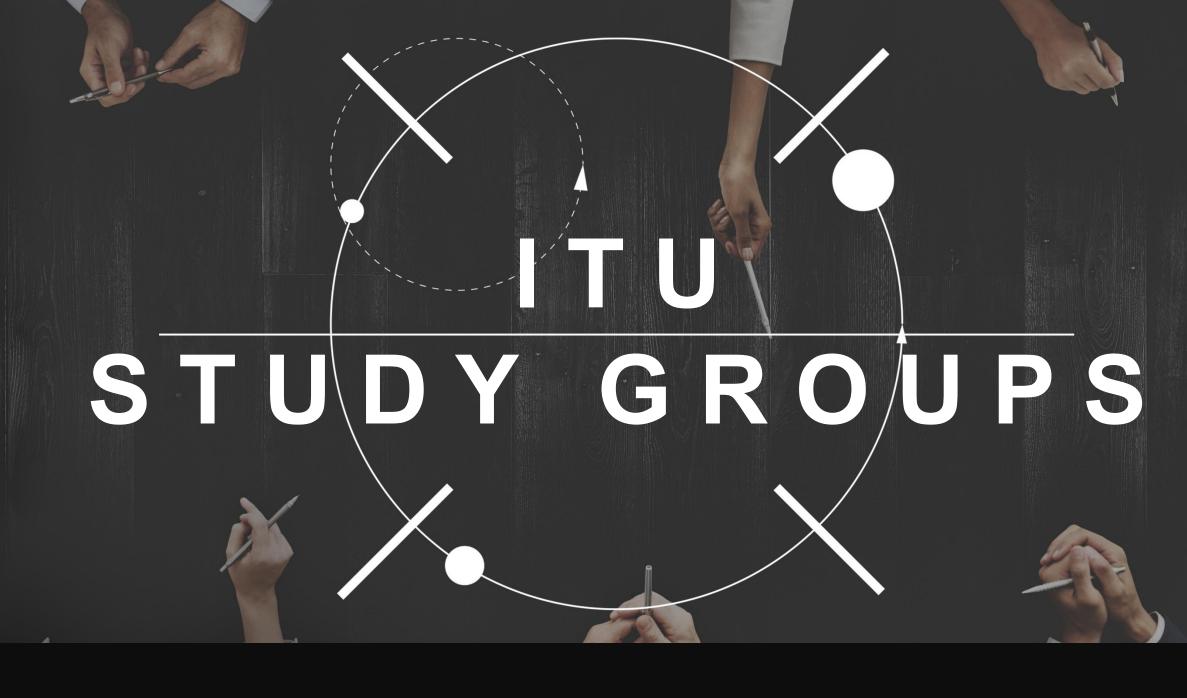
+170 universities and research centers in 50+ countries



Top renowned universities such as Tsinghua University, KAIST, Stanford University, University of Tokyo, Technical University of Berlin, and more are ITU Academia members

The complete list of ITU Academia members is available <u>here</u>









Each Sector of ITU has a number of Study Groups related to the sectors' **specific field**. Academia has the opportunity to contribute their ideas and expertise on important topics through **19 Study Groups**.

Key themes of Study Groups include:

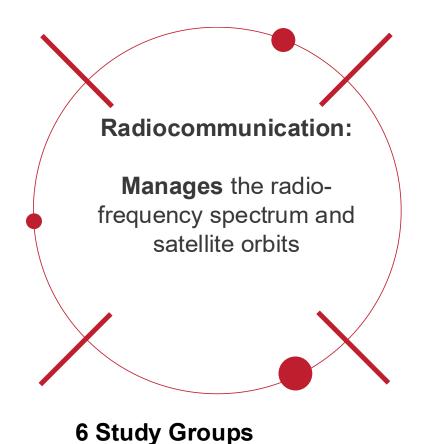
- Policy and Regulatory Reform
- Big Data
- Smart/Sustainable Cities
- Cybersecurity
- E-waste
- Connected car
- Spectrum Management

- Rural Connectivity
- Climate Change
- Economics of Roaming
- Disaster Relief
- Digital Financial Inclusion
- Video technologies
- Accessibility

- Mobile communications
- Broadcasting communications
- Satellite systems
- Radio wave propagation
- Radiodetermination systems
- Earth exploration, meteorological aids, space research
- Radio amateur, Radio astronomy







Standardization:

Produces **standards** and defines **tariff principles** for international telecommunication services

Development:

Facilitates the creation,
development and
improvement of
telecommunication
and ICT

10 Study Groups

2 Study Groups



Some examples of collaboration between ITU and universities:



<u>Stanford University</u> is partnering with ITU to work with Central Banks from around the world to make Digital Fiat Currency a reality.

<u>University of Hawaii, Honolulu</u> – playing a leading role in the development of global standards for submarine telecom cables to enhance climate monitoring and tsunami forecasts <u>Tsinghua University</u> works with ITU on research in radiocommunication, standardization and telecommunication development activities, including emerging topics such as Artificial Intelligence, 5G, digital broadcasting, Internet of Things, Smart Cities, Blockchain and quantum computing. There is also co-publishing agreement for the new journal.

<u>Geneva Graduate Institute</u> contributed with research project on climate change with a group of students.



Capstone Models/ Research projects

Recent Project Examples:

There is also opportunity to collaborate on capstone projects that serve as a bridge between academic learning and real-world challenges. These projects provide students with hands-on experience by working on pressing global challenges. ITU proposes real world challenges, enabling students to apply their knowledge and develop innovative solutions while gaining practical knowledge.

"Case Study: Pioneering AI
Regulation: How Can Regulators
Empower Standards and Best
Practices to Keep Pace with Rapid
Technological Advancement in AI?"





"From Code to Carbon:
Responding to the
Environmental Impacts of
Artificial Intelligence"

ITU Journal

ITUJournal

Future and evolving technologies

FREE I FAST I FOR ALL

The ITU Journal on Future and Evolving Technologies (ITU J-FET) is an international, scholarly journal providing complete coverage of all communications and networking paradigms, free of charge for both readers and authors. The ITU Journal considers unpublished papers addressing fundamental and applied research, and also explores implications for policy and regulation, legal frameworks, the economy and society. ITU J-FET welcomes submissions at any time, and on any topic within its scope.

ITU Kaleidoscope



These forward-looking academic conferences are an essential forum for universities, industry and research institutions across diverse fields, fostering knowledge exchange and the identification of emerging ICT developments. Submit your original research... you could win one of three Best Paper Awards and present your work to ITU for potential collaboration. Authors aged 30 or younger will also receive Young Author Recognition certificates. Accepted papers are published in the Conference Proceedings and IEEE *Xplore*, with noteworthy extended versions considered for publication in the ITU Journal.





Apply for Membership

Single annual fee to participate in the work of all three Sectors: ITU-R, ITU-D and ITU-T

Developing Countries
CHF 1'987
Developed Countries
CHF 3'975

https://www.itu.int/hub/membership/become-a-member/application/

